SEQUENCE LISTING

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<110> The Penn State Research Foundation
      <120> Genetic Marker for Meat Quality, Growth,
            Carcass and Reproductive Traits in Livestock
      <130> PSU-99-2102
      <140> 10/009,392
      <141> 2001-11-13
      <150> PCT/US00/13168
      <151> 2000-05-15
      <150> 60/134,180
      <151> 1999-05-13
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agaacttttt tgttgggaaa ataaatgtag tcaaacataa aaagacaact gctaataaca
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aacaatagac atgtcaagat aatgacctta gtgcctttct atgtgtggaa agactcaaga
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ccaaatgett cetgttttte tecateetaa agteecetee gggtgeactg atgggtteee
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ctccagtggg caactgcagt ggcaattggc ttgatctctg tagaactgga atggtgggca
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acattetttt etttacagta teetgagtet gggagggget gtgtgggeea gageetgnat
                                                                        480
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gcaggaggag gagggagtct gatcgcttag tcagcttctc gcttaacctt gagctggtgg
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<213> Artificial Sequence

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      <213> Bos taurus
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cattctaaag agatattttg ggtggcagat tttgctctcc tacaggactt tgtctaggag
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acggetetea ggeeagetee gaegaetgtt eeaaagaagt aagggaaage tagggtttat
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atcaatettt ttttttgetg ggagaagggg gatgaacatg tagtcaaaca taaaaagate
                                                                      360
actgctaatc ccaaacaaca gacacctcaa gtgaatggtt ttagtgtttt tctatatatg
ttgtttagtc actaagtcct gtccgactct tttgcgactc catagactgt agcccaccaa
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gctcctctgt ccatgggatt tttctaggca agaatactgg agtgggttgc catttccttc
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cccttagata tacatcgtat ctagggacca gtacaatgca aatgcttcct gtttttcttc
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agegetttgg geceatetae agggagaagt tgggtgteta egagagegtg aatateatea
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                                                                      600
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aggactttgt ggacccagag gcacagcagt tcatcgacgc cgtcaccctc atgttccaca
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ccacctcccc catgetetac gtgccacccg ccctgctccg ccacctcaac accaagacat
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 tgatggcggg cggcgtggac acgacttcca tgactctgca atgggccatg ctggagctgg
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17

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teetgeagga ctacegeate ceeccaag				1380
gacgagaccc tgaggtcttc cccaagccg	g agcagttcaa	ccctgagcgc	tggctggtga	1440
tgggctccaa gcacttcaag ggactgagc				1500
gtcgcatcgc cgagctggag atgcagctc tcgaaaccaa gcgggcggtg gaagttggg	_		_	1560 1620
aacccatcta cctgagactg cggcccctc			-	1680
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tcttacgcca tgggggagat ggctgcccc gtaatttctg caccaaaagc	c ttcccatttt	cttcgcctct	gatttgctct	1800 1820
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